

BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

BORING NO.: B-1 SHEET 1 OF 1

DATE STARTED: 4/7/06

DEPTH OF WATER: 4'
LOCATION: See Plan

**GROUND ELEVATION:** +5'± **GROUND WATER ELEV.:** +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

		0 lb. Automatic Trip Hamm	er, 30 Inch Dr	rop
DEPTH	SAMPLE	SPT BLOW COUNTS		
FEET	DEPTH	(PER 6")	STRATA	DESCRIPTION OF SOIL
	S-1	4 – 12 – 11 – 6		S-1 Brown cmf <b>SAND</b> , some <sup>+</sup> mf Gravel, trace Silt.
	0-2'	6 5 2 2		CO D + COAND + CO 1
	S-2	6 - 5 - 3 - 3		S-2 Brown c <sup>+</sup> mf <b>SAND</b> , some <sup>+</sup> f Gravel, trace Silt.
5'	2-4' S-3	1-1-1-1		S-3 Dark Grey Clayey SILT, trace f Sand. (with fibers)
3	3-3 4-6'	1-1-1-1		5-5 Dark Grey Clayey SIL1, trace I Sand. (with noers)
	S-4	2 - 3 - 4 - 8		S-4 Light Grey c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
	6-8'	2 3 4 0		b 4 Eight Grey C IIII STATE, and I Graver, trace Site.
	S-5	6-7-7-8		S-5 Brown cm <sup>+</sup> f <b>SAND</b> , trace Silt.
	8-10'			S C SIOWA CAN TENT 12, MACO SIM
10'	S-6	5 - 8 - 9 - 10		S-6 Brown c <sup>+</sup> mf <b>SAND</b> , some <sup>+</sup> f Gravel, trace Silt.
İ	10-12'			
15'	S-7	8 - 10 - 13 - 17		S-7 Light Grey mf <sup>+</sup> <b>SAND</b> , trace Silt.
	15-17'			
20'	S-8	9 - 15 - 18 - 21		S-8 Same as S-7.
20	20-22'	7-13-16-21		5-6 Same as 5-7.
25'	S-9	3 - 4 - 5 - 6		S-9 Grey Clayey SILT, little <sup>+</sup> f Sand.
	25-27'			END OF BORING @ 27'
30'				
30				
35'				
402				
40'				
0011 0 51	IONIEED T	TIEDNEY DE	l	CONTRACTOR, CRAIG FEGT PORRIG

SOILS ENGINEER: J. TIERNEY, P.E.
DRILLING INSPECTOR: A. LARUSSO

**CONTRACTOR:** CRAIG TEST BORING

**DRILLER:** G. MCANENY



BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

**GROUND ELEVATION:** +5'±

**BORING NO.:** B-2

SHEET 1 OF 1

**DATE STARTED:** 4/7/06 **DEPTH OF WATER:** 4' **DATE FINISHED:** 4/7/06 **LOCATION:** See Plan **GROUND WATER ELEV.:** +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH	SAMPLE	SPT BLOW COUNTS		- r	
FEET	DEPTH	(PER 6")	STRATA		DESCRIPTION OF SOIL
	S-1	3-6-4-4		S-1	Light Brown c <sup>+</sup> mf <b>SAND</b> , trace f Gravel, trace Silt.
	0-2'				
	S-2	3 - 2 - 2 - 2		S-2	Same as S-1.
	2-4'	1 1 1 1		G 2	Lists Durant + or CCAND and + CCanal Array City
	S-3 4-6'	1 - 1 - 1 - 1		S-3	Light Brown c <sup>+</sup> mf <b>SAND</b> , some <sup>+</sup> f Gravel, trace Silt.
	S-4	1 – 1 – 1 – 1		S-4	Dark Grey <b>Organic SILT</b> . (with fibers)
	6-8'	1 1 1 1			Buik Grey Organic STE1. (with noors)
	S-5	1 - 1 - 3 - 6		S-5	Grey SILT & CLAY, trace <sup>+</sup> f Sand.
	8-10'				
	S-6	5 - 6 - 8 - 10		S-6	Light Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
	10-12'				
	S-7	7 - 12 - 14 - 15		S-7	Light Brown mf <sup>+</sup> <b>SAND</b> , trace Silt.
	15-17'	, 12 11 10		5 ,	Eight Biown in Sirve, trace one.
					1
	S-8	6 - 4 - 5 - 8		S-8	Grey CLAY & SILT, trace <sup>+</sup> f Sand.
	20-22'				
	S-9	2 - 2 - 3 - 5		S-9	Grey mf <sup>+</sup> <b>SAND</b> , some Clayey Silt.
	25-27'				, , ,
	G 10	4-4-5-6		0.10	C C 0
	S-10 30-32'	4-4-5-6		S-10	Same as S-9.
	30-32				END OF BORING @ 32'
					END OF BORING W 32
SOILS EN	ICINEED: : 1	TIERNEV PE		CONT	PACTOR: CRAIG TEST RORING

**SOILS ENGINEER: :** J. TIERNEY, P.E. **CONTRACTOR:** CRAIG TEST BORING DRILLING INSPECTOR: A. LARÚSSO **DRILLER:** G. MCANENY



**BORING NO.:** B-3

SHEET 1 OF 1

BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

DATE STARTED: 4/7/06 DEPTH OF WATER: 4' GROUND ELEVATION: +5'± DATE FINISHED: 4/7/06 LOCATION: See Plan GROUND WATER ELEV.: +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH	SAMPLE	SPT BLOW COUNTS			
FEET	DEPTH	(PER 6")	STRATA	DESCRIPTION OF SOIL	
	S-1	1 – 5 – 9 – 10	<b>31101171</b>	Top 4": Asphalt.	
	0-2'	1 5 7 10		S-1 Brown mf <b>SAND</b> , and cmf Gravel.	
	S-2	5-3-3-3		S-2 Light Brown c <sup>+</sup> mf <b>SAND</b> , some <sup>+</sup> f Gravel, trace Si	1t
	2-4'	3 3 3 3		5.2 Eight Brown C ini Starts, some 1 Graver, trace or	11.
5'	S-3	1 – 1 – 1 – 1		S-3 Light Grey c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.	
3	4-6'	1-1-1-1		5-5 Light Grey C ini SAND, and I Graver, trace Site.	
	S-4	2 - 2 - 2 - 2		S-4 Dark Grey <b>Organic SILT</b> , and mf Sand	
	6-8'			5 4 Dark Grey Organic SILI, and mr Sand	
	S-5	5 - 7 - 9 - 10		S-5 Light Grey c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.	
	8-10'	3 - 7 - 9 - 10		5-5 Light Grey C IIII SAND, and I Graver, trace Site.	
10'	S-6	8 - 9 - 10 - 10		S-6 Light Grey c <sup>+</sup> mf <b>SAND</b> , and mf <sup>+</sup> Gravel, trace Silt	
10	10-12'	8 - 9 - 10 - 10		5-6 Light Grey C IIII SAND, and IIII Graver, trace Site	•
	10-12				
15'	S-7	7 - 10 - 15 - 13		S-7 Light Grey mf <sup>+</sup> <b>SAND</b> , trace Silt.	
10	15-17'	, 10 15 15		By Eight Grey in Strice, trace ont.	
	10 1,				
20'	S-8	4-5-5-5		S-8 Grey Clayey SILT, trace f Sand.	
20	20-22'	4-3-3-3		3-6 Grey Clayey SILT, trace I Sand.	
	20 22				
	UD1	Push 24"		UD-1 Same as S-8.	
	23-25'	Rec. 24"		Sume us s v.	
25'	S-9	4-5-6-8		S-9 Grey CLAY & SILT, trace f Sand.	
	25-27'				
				END OF BORING @ 27'	
30'					
257					
35'					
40'					
		LIEBNEA DE		CONTRACTOR: CRAIG TEST BORING	

SOILS ENGINEER: J. TIERNEY, P.E.
DRILLING INSPECTOR: A. LARUSSO

**CONTRACTOR:** CRAIG TEST BORING

**DRILLER:** G. MCANENY



BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

SHEET 1 OF 1

**BORING NO.:** B-4

DATE STARTED: 4/7/06 DEPTH OF WATER: 4' GROUND ELEVATION: +5'±
DATE FINISHED: 4/7/06 LOCATION: See Plan GROUND WATER ELEV.: +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH	SAMPLE	SPT BLOW COUNTS		<u> </u>	
FEET	DEPTH		STRATA		DESCRIPTION OF SOIL
	S-1	(PER 6") 6-14-23-22		S-1	Brown cm <sup>+</sup> f <b>GRAVEL</b> , some <sup>+</sup> m <sup>+</sup> f Sand, trace Silt.
	0-2'				
	S-2	11 - 10 - 18 - 8		S-2	Light Brown c <sup>+</sup> mf <b>SAND</b> , little <sup>+</sup> f Gravel, trace Silt.
<b>~</b> .	2-4'			G 2	1:1.D
5'	S-3	6 - 5 - 5 - 4		S-3	Light Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
	4-6' S-4	1-2-2-3		S-4	Same as S-3.
	6-8'	1-2-2-3		5-4	Same as 5-5.
İ	S-5	1 - 2 - 2 - 3		S-5	Grey cm <sup>+</sup> f <b>SAND</b> , some <sup>+</sup> Silt & Clay, trace f Gravel.
	8-10'				2, ,
10'	S-6	4-5-20-23		S-6	Grey c <sup>+</sup> mf <b>SAND</b> , and mf <sup>+</sup> Gravel.
	10-12'				
15'	S-7	4-6-6-5		S-7	Brown f <b>SAND</b> , trace Silt.
13	15-17'	4-0-0-3		3-7	Blown I SAND, trace Sitt.
	13 17				
20'	S-8	4 - 6 - 6 - 5		S-8	Grey <b>CLAY &amp; SILT</b> , little <sup>+</sup> f Sand.
	20-22'				
25'	S-9	4-5-7-11		S-9	Grey CLAY & SILT, trace f Sand.
	25-27'				END OF BORING @ 27'
					END OF BORING W 27
30'					
30					
35'					
40'					
.0					
COLLEGE	ICINEED, I	TIEDNEY DE	1	CONT	TRACTOR, OR ALC TEST DODING

**SOILS ENGINEER:** J. TIERNEY, P.E. **DRILLING INSPECTOR:** A. LARUSSO

**CONTRACTOR:** CRAIG TEST BORING

**DRILLER:** G. MCANENY



BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

**GROUND ELEVATION:** +5'±

**BORING NO.:** B-5

SHEET 1 OF 1

**DATE STARTED:** 4/7/06 **DEPTH OF WATER:** 4' **LOCATION:** See Plan **DATE FINISHED:** 4/7/06 **GROUND WATER ELEV.:** +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH		SPT BLOW COUNTS	1, 30 men Dre	γρ I	
FEET	SAMPLE DEPTH		STRATA		DESCRIPTION OF SOIL
	S-1	(PER 6") 6 – 14 – 18 – 17	JIIIAIA	S-1	Brown cm <sup>+</sup> f <b>GRAVEL</b> , little <sup>+</sup> cm <sup>+</sup> f Sand, trace Silt.
	0-2'				
	S-2 2-4'	2 - 9 - 8 - 7		S-2	Light Brown c <sup>+</sup> mf <b>SAND</b> , trace f Gravel, trace Silt.
5'	S-3	5-4-3-2		S-3	Light Brown c <sup>+</sup> mf <b>SAND</b> , trace Silt.
	4-6' S-4	1-2-2-2		S-4	Brown c <sup>+</sup> mf <b>SAND</b> , some <sup>+</sup> f Gravel, trace Silt.
	6-8' S-5	1 - 2 - 2 - 2		S-5	Grey c <sup>+</sup> mf <b>SAND</b> , some <sup>+</sup> Silt & Clay.
10'	8-10' S-6	7-8-8-9		S-6	Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
	10-12'				
15'	S-7 15-17'	7 – 11 – 17 – 19		S-7	Brown c <sup>+</sup> mf <b>SAND</b> , some f Gravel, trace Silt.
	13-17				
20'	S-8	2-2-2-5		S-8	Grey CLAY & SILT, trace f Sand.
20	20-22'				Grey GERTI & BIET, Mace I Band.
25'	S-9	4 - 5 - 8 - 11		S-9	Same as S-8.
	25-27'				END OF BORING @ 27'
30'					
35'					
33					
40'					
SOILS EN	IGINEER: J.	TIERNEY, P.E.		CONT	<b>TRACTOR:</b> CRAIG TEST BORING

**SOILS ENGINEER:** J. TIERNEY, P.E. **CONTRACTOR:** CRAIG TEST BORING **DRILLING INSPECTOR:** A. LARUSSO **DRILLER:** G. MCANENY



BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

BORING NO.: B-6 SHEET 1 OF 1

DATE STARTED: 4/7/06

DEPTH OF WATER: 4'

DATE FINISHED: 4/7/06

DEPTH OF WATER: 4'

LOCATION: See Plan

GROUND WATER ELEV.: +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH	SAMPLE	SPT BLOW COUNTS	i, 50 men Die 	γρ I	
FEET	DEPTH		STRATA		DESCRIPTION OF SOIL
	S-1	(PER 6") 2-3-12-18	OTICATA	S-1	Brown cmf <b>GRAVEL</b> , some cm <sup>+</sup> f Sand, trace Silt.
	0-2'				
	S-2	17 – 9 – 9 – 7		S-2	Light Brown c <sup>+</sup> mf <b>SAND</b> , trace f Gravel, trace Silt.
	2-4'				
5'	S-3	5-3-4-3		S-3	Light Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
	4-6' S-4	1-1-1-1		S-4	Same as S-3.
	6-8'			5 4	bune us 5-5.
	S-5	1-1-1-1		S-5	Grey and Light Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace
	8-10'				Silt.
10'	S-6	1-1-1-1		S-6	Light Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel.
	10-12'				
15'	S-7	2 - 2 - 2 - 2		S-7	Grey SILT & CLAY, trace f Gravel.
	15-17'				
20'	S-8	6-7-6-6		S-8	Grey Clayey SILT, trace f Sand.
	20-22'				
25'	S-9	3-4-6-7		S-9	Grey CLAY & SILT, trace f Sand.
23	25-27'	3-4-0-7		5-7	END OF BORING @ 27'
					END OF BORNING & 27
202					
30'					
35'					
40'					
	ICINEED. T	TIPDAY DE		CONT	TRACTOR. OR ALC TEST DORING
<b>SUILS EN</b>	IGINEER: J.	HEKNY, P.E.		CONT	<b>TRACTOR:</b> CRAIG TEST BORING

SOILS ENGINEER: J. TIERNY, P.E.

DRILLING INSPECTOR: A. LARUSSO

CONTRACTOR: CRAIG TEST BORING
DRILLER: G. MCANENY



**BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER** SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

**GROUND ELEVATION:** +5'±

**BORING NO.:** B-7

SHEET 1 OF 1

**DATE STARTED:** 4/7/06 **DEPTH OF WATER:** 4' **LOCATION:** See Plan **DATE FINISHED:** 4/7/06 **GROUND WATER ELEV.:** +1'±

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer. 30 Inch Drop

		0 lb. Automatic Trip Hamm	er, 30 Inch Di	rop
<u>DEPTH</u>	SAMPLE	SPT BLOW COUNTS		
FEET	DEPTH	(PER 6") 3 - 10 - 12 - 12	STRATA	DESCRIPTION OF SOIL
	S-1	3 - 10 - 12 - 12		S-1 Light Brown c <sup>+</sup> mf <b>SAND</b> , and cm <sup>+</sup> f Gravel, trace Silt.
	0-2'			
	S-2	6 - 6 - 5 - 6		S-2 Light Brown cm <sup>+</sup> f <b>SAND</b> , trace Clayey Silt.
	2-4'			
5'	S-3	3 - 1 - 2 - 1		S-3 Light Grey c <sup>+</sup> mf <b>SAND</b> , trace f Gravel, trace Clayey
	4-6'			Silt.
	S-4	2 - 1 - 1 - 1		S-4 Light Grey Clayey SILT.
	6-8'			
	S-5	1 - 1 - 1 - 4		S-5 Light Grey c <sup>+</sup> mf <b>SAND</b> , little Clayey Silt.
	8-10'			
10'	S-6	4 - 5 - 6 - 6		S-6 Light Grey c <sup>+</sup> mf <b>SAND</b> , trace Silt.
	10-12'			
	G <b>5</b>	4 0 10 12		G. T. L. D
15'	S-7	4 - 8 - 10 - 13		S-7 Light Brown c <sup>+</sup> m <b>SAND</b> , and f Gravel, trace Silt.
	15-17'			
202	0.0	4 5 4 7		C.O. Con Clara CH T to Con 1
20'	S-8 20-22'	4 - 5 - 4 - 7		S-8 Grey Clayey SILT, trace f Sand.
	20-22			
25'	S-9	8 - 10 - 15 - 17		S-9 Grey Clayey SILT, trace f Sand.
23	25-27'	0 10 15 17		END OF BORING @ 27'
	25 27			END OF BORING @ 27
30'				
35'				
40'				
0011 0 51	10111555	TEDNEY DE		CONTRACTOR, OR ALC TEGE DORDING

SOILS ENGINEER: J.TIERNEY, P.E. **CONTRACTOR:** CRAIG TEST BORING DRILLING INSPECTOR: A. LARUSSO **DRILLER:** G. MCANENY



BULKHEAD REPLACEMENT AT NATIONAL GUARD TRAINING CENTER SEA GIRT, MONMOUTH COUNTY, NEW JERSEY (FPA NO. 06G029A)

GROUND ELEVATION: +5'±
GROUND WATER ELEV.: +1'±

**BORING NO.:** B-8

SHEET 1 OF 1

DATE STARTED: 4/7/06

DEPTH OF WATER: 4'

CROUND E

LOCATION: See Plan

GROUND W

**DRILLING TECHNIQUE:** Mud Rotary

**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

September   Sept			0 lb. Automatic Trip Hamm	er, 30 Inch Di	-ор Г
S-1	DEPTH	SAMPLE	SPT BLOW COUNTS	070474	DECODIDATION OF COLL
0-2'   S-2   2-4'   4-3-2-4   S-2   Same as S-1.	FEET		(PER 6")	SIRAIA	
S-2   2-4			3-6-8-8		S-1 Light Brown c mi SAND, some i Gravel, trace Silt.
5'			4 2 2 4		S. 2. Sama as S. 1
5'   S-3			4-3-2-4		3-2 Same as 3-1.
4-6'   S-4   6-8'   S-5   7-8-10-12   S-6   S-10'   S-6   S-10-12'   S-6   S-7   S-9   S-10'   S-8   S-10'	5'		1-1-1-2		S-3 Dark Grey mf SAND little Clayey Silt_trace f Grayel
S-4   6-8°   7-8-10-12   S-5   From c* mf SAND, and f Gravel, trace Silt.	3		1-1-1-2		B-3 Dark Grey IIII SAND, Ittle Clayey Sint, trace I Graver.
6-8' S-5 S-6 S-10'-12' 10' S-6 10-12' 10' S-7 15-17' 20' S-8 20-22'  S-9 25-27' 30' 35' 35' 35'  S-8 S-10-12 S-10-12 S-5 Light Grey c <sup>+</sup> mf SAND, and f Gravel, trace Silt. S-6 Same as S-5.  S-7 Light Grey c <sup>+</sup> mf SAND, little f Gravel, trace Silt. S-8 Light Grey mf <sup>+</sup> SAND, little f Gravel, trace Silt.  S-8 S-9 Grey SILT & CLAY, trace f Sand. END OF BORING @ 27' 35'			1 - 1 - 2 - 7		S-4 Brown c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
S-5 8-10' S-6 10-12' S-6 10-12' S-7 8-10-12 S-6 Same as S-5.  S-7 Light Grey c <sup>+</sup> mf SAND, and f Gravel, trace Silt.  S-6 Same as S-5.  S-7 Light Grey cm <sup>+</sup> f SAND, little f Gravel, trace Silt.  S-8 Light Grey cm <sup>+</sup> f SAND, little f Gravel, trace Silt.  S-8 Light Grey mf <sup>+</sup> SAND, little f Gravel, trace Silt.  S-8 Light Grey mf <sup>+</sup> SAND, trace Silt.  S-8 Light Grey mf <sup>+</sup> SAND, trace Silt.  S-9 Grey SILT & CLAY, trace f Sand.  END OF BORING @ 27'  S-35'			•		
10'			7 - 8 - 10 - 12		S-5 Light Grey c <sup>+</sup> mf <b>SAND</b> , and f Gravel, trace Silt.
10-12'					, , , , , , , , , , , , , , , , , , , ,
15' S-7	10'		10 - 11 - 14 - 16		S-6 Same as <b>S-5</b> .
15-17'		10-12'			
15-17'					
15-17'					
15-17'	1.53	6.7	4 5 0 12		G.Z. Link G. teganin indeed to gill
20' S-8 20-22'	15'		4-5-9-12		S-7 Light Grey cm f <b>SAND</b> , little f Gravel, trace Silt.
20-22'25' S-9		15-1/			
20-22'25' S-9					
20-22'25' S-9					
20-22'25' S-9	20'	S-8	5 – 8 – 11 – 14		S-8 Light Grey mf <sup>+</sup> SAND trace Silt
25' S-9	20		3 0 11 11		5 0 Eight Grey hir Shirt, time Shir.
25-27' END OF BORING @ 27'30'					
25-27' END OF BORING @ 27'30'					
25-27' END OF BORING @ 27'30'					
30'	25'		4 - 4 - 7 - 8		
35'		25-27'			END OF BORING @ 27'
35'					
35'					
35'	202				
	30				
	35'				
40'					
40'					
40'					
	40'				

**SOILS ENGINEER:** J. TIERNEY, P.E.

**DRILLING INSPECTOR:** A. LARUSSO

**CONTRACTOR:** CRAIG TEST BORING

**DRILLER:** G. MCANENY